

**JOINT**  
**PUBLIC NOTICE**

**CHARLESTON DISTRICT, CORPS OF ENGINEERS**  
**69A Hagood Avenue**  
**Charleston, South Carolina 29403-5107**  
**and the**

**S.C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**  
**OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT**  
**1362 McMillan Avenue, Suite 400**  
**Charleston, South Carolina 29405**

REGULATORY DIVISION  
Refer to: P/N #2015-00113-1W

11 FEBRUARY 2015

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1344), and the South Carolina Coastal Zone Management Act (48-39-10 et.seq.) an application has been submitted to the Department of the Army and the S.C. Department of Health and Environmental Control by

**MELROSE PROPERTY OWNERS ASSOCIATION**  
**c/o GEL ENGINEERING, LLC**  
**POST OFFICE BOX 30712**  
**CHARLESTON, SOUTH CAROLINA 29417**

for a permit to perform beach nourishment in waters of the

ATLANTIC OCEAN

To include dredging material, beach compatible sand, from Barrett Shoals located offshore of the southern end of Hilton Head Island (Latitude 32.0610°, Longitude 80.8047°), and the placement of this dredged material in a location along the Melrose Tract shoreline, on Daufuskie Island, Beaufort County, South Carolina (Latitude 32.10323°, Longitude 80.8551°).

In order to give all interested parties an opportunity to express their views

**NOTICE**

is hereby given that written statements regarding the proposed work will be received by the **Corps** and **SCDHEC** until

**30 Days from the Date of this Notice**

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of hydraulically dredging 1.14 million cubic yards of beach compatible sand from Barrett Shoals and pumping the material via pipeline to approximately 5,000 linear feet of shoreline along the Melrose Tract for grading and shaping with land based equipment. According to the applicant, the purpose of the proposed project is to reestablish the eroded beach and to provide 6 to 8 years of protection to upland property and structures during normal climate conditions, to provide a recreational beach and to enhance sea turtle nesting habitat.

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The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards. The work shown on this application must also be certified as consistent with applicable provisions the Coastal Zone Management Program (15 CFR 930). The District Engineer will not process this application to a conclusion until such certifications are received. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 580 acres, including the shoreline area and the borrow area, of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

The District Engineer has consulted the most recently available information and has determined that the project is likely to adversely affect the loggerhead sea turtle (*Caretta carretta*), the piping plover (*Charadrius melodus*), the West Indian Manatee (*Trichechus manatus*) and the red knot (*Calidris canutus rufa*). This public notice serves as a request to the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service to initiate formal consultation on this these species and/or critical habitat that may be present in the area which would be affected, pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended). A Biological Assessment (or other similar document) detailing our analysis of the effects of the action will be provided.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA), this public notice also constitutes a request to Indian Tribes to notify the District Engineer of any historic properties of religious and cultural significance to them that may be affected by the proposed undertaking.

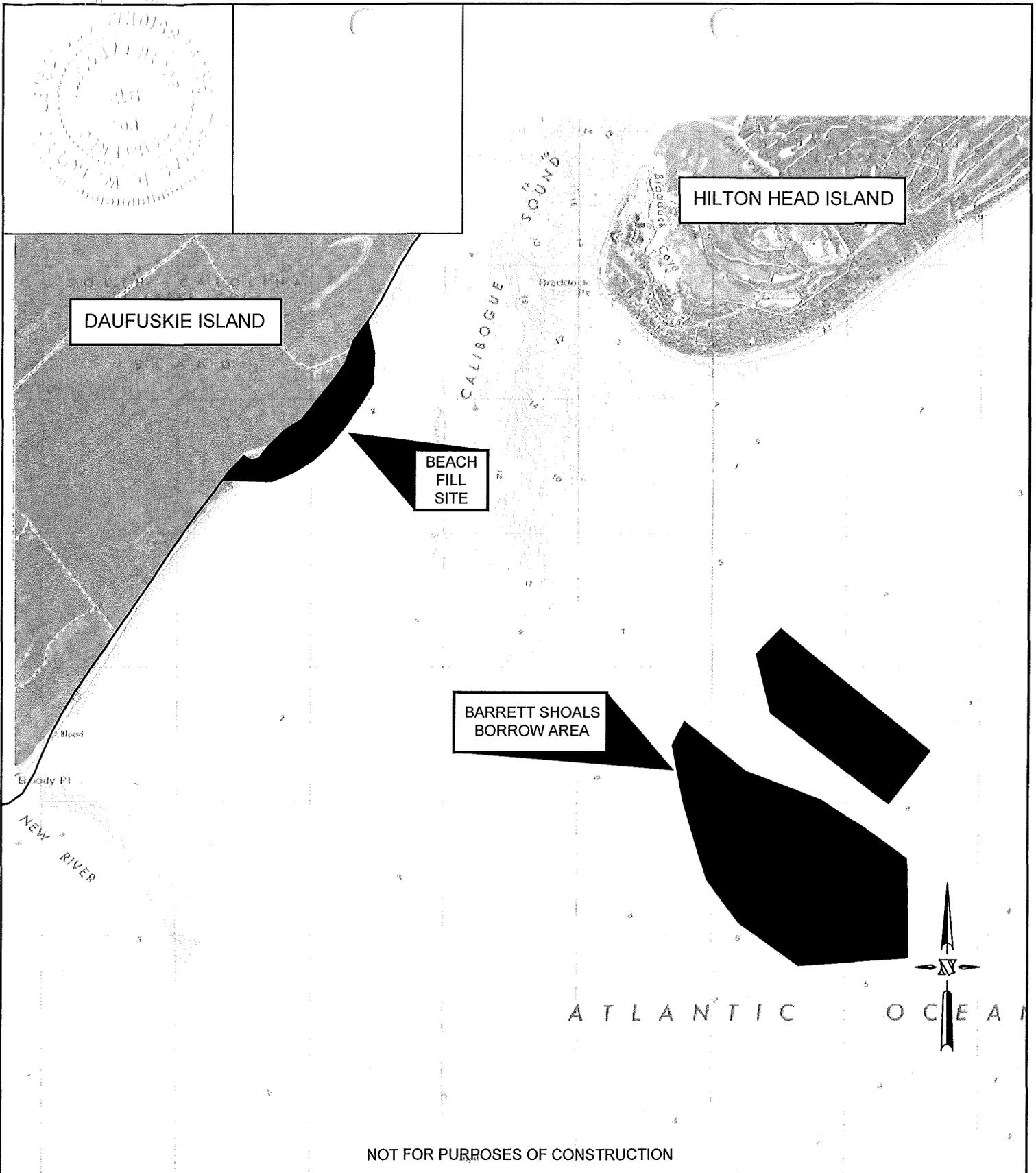
In accordance with the NHPA, the District Engineer has also consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. To insure that other cultural resources that the District Engineer is not aware of are not overlooked, this public notice also serves as a request to the State Historic Preservation Office to provide any information it may have with regard to historic and cultural resources.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest and will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency (EPA), under authority of Section 404(b) of the Clean Water Act and, as appropriate, the criteria established under authority of Section 102 of the Marine Protection, Research and Sanctuaries Act of 1972, as amended. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

If there are any questions concerning this public notice, please contact Debra W. King at 843-329-8044 or toll free at 1-866-329-8187.



NOT FOR PURPOSES OF CONSTRUCTION

PURPOSE: BEACH RESTORATION AND  
ADVANCED MAINTENANCE FOR  
FUTURE EROSION

ADJACENT PROPERTY OWNERS  
SEE ATTACHED LIST

**SAC-2015-00113-1W**

SURVEY DATUM: NAVD 88

**FIGURE 1**  
LOCATION MAP  
USGS QUAD "TYBEE ISLAND NORTH"

1" = 3,000'

DAUFUSKIE ISLAND BEACH  
RENOUWMENT PROJECT

PROPOSED: BEACH FILL ALONG OCEANFRONT  
SHORELINE

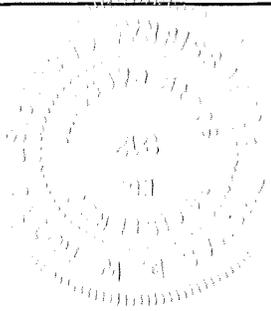
AT: DAUFUSKIE ISLAND

IN: CALIBOGUE SOUND

COUNTY OF: BEAUFORT  
SOUTH CAROLINA

SHEET: 1 OF 6

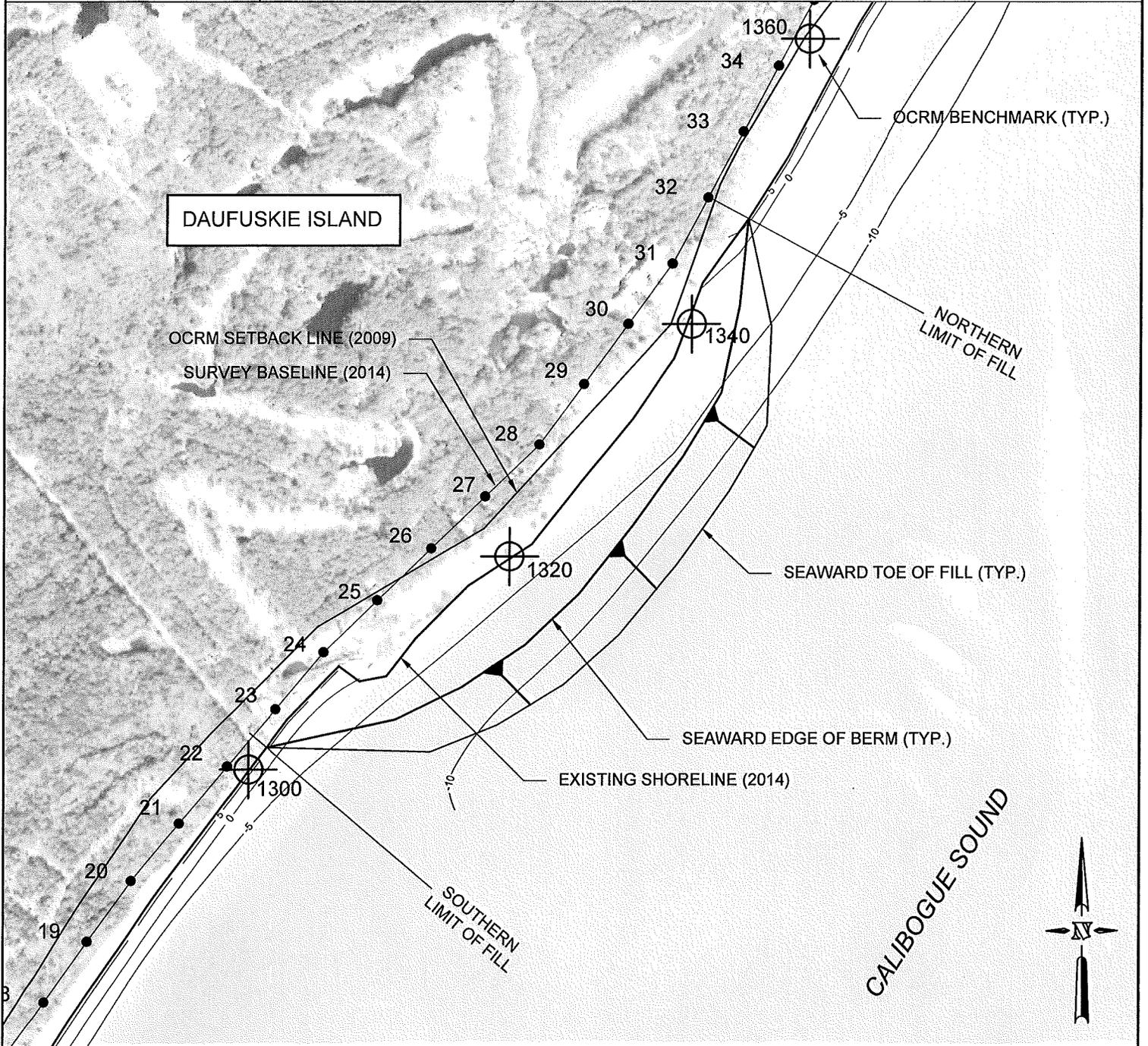
DATE: 01/15/2015



**NOTES:**

1. BASE INFORMATION COMPILED FROM IMAGERY OBTAINED FROM SCDNR GIS DATA CLEARINGHOUSE AND BEACH PROFILE SURVEYS PERFORMED BY GEL ENGINEERING, LLC.
2. DATE OF SURVEY: OCTOBER 6-8, 2014. CONTOURS SHOWN ARE MEASURED IN FEET AND REFERENCED TO NAVD 88.
3. DATE OF AERIAL PHOTOGRAPHY: MARCH 1, 2010
4. SEE SHEET 3 FOR BEACH FILL PROFILES 24 AND 26. SEE SHEET 4 FOR BEACH FILL PROFILES 28 AND 30.
5. SEE SHEET 5 FOR BARRETT SHOALS BORROW AREA PLAN. SEE SHEET 6 FOR BARRETT SHOALS BORROW AREA SECTIONS.

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**FIGURE 2**  
BEACH FILL PLAN

1" = 1,000'

DAUFUSKIE ISLAND BEACH  
RENOURISHMENT PROJECT

PROPOSED: BEACH FILL ALONG OCEANFRONT  
SHORELINE

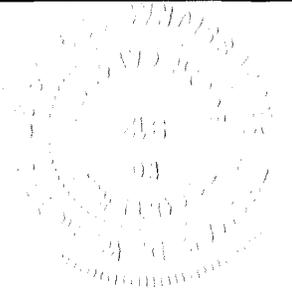
AT: DAUFUSKIE ISLAND

IN: CALIBOGUE SOUND

COUNTY OF: BEAUFORT  
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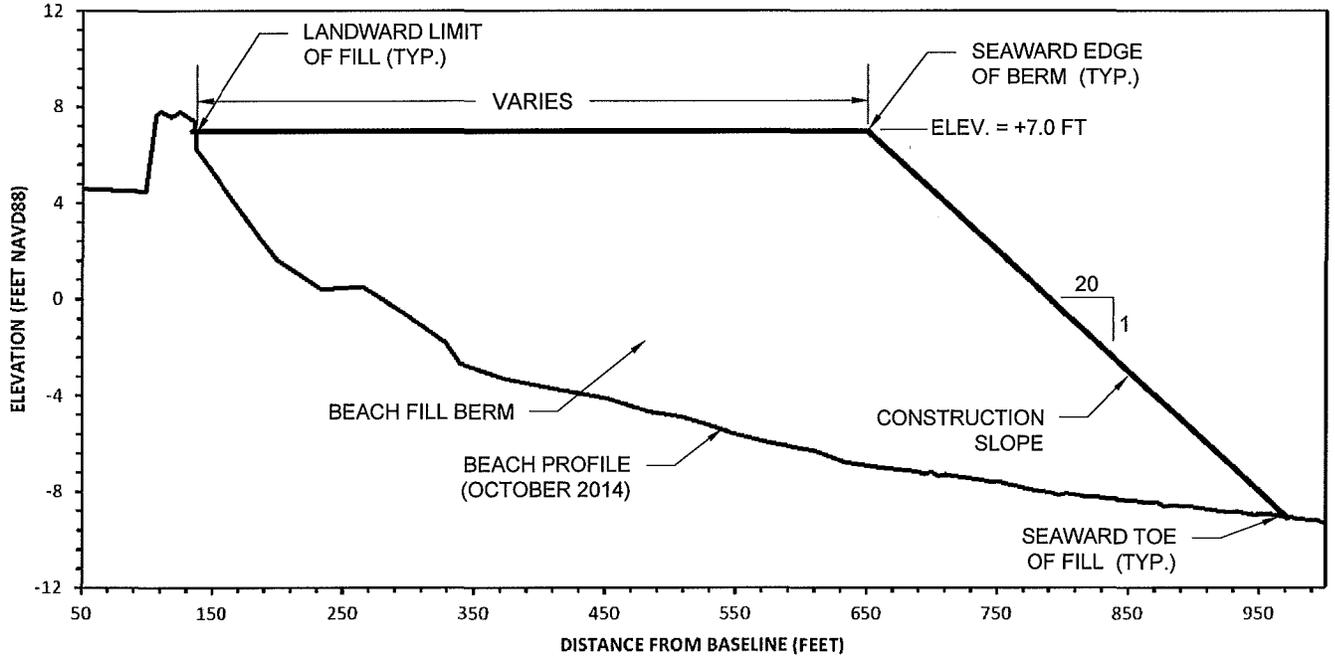
SHEET: 2 OF 6

DATE: 01/15/2015

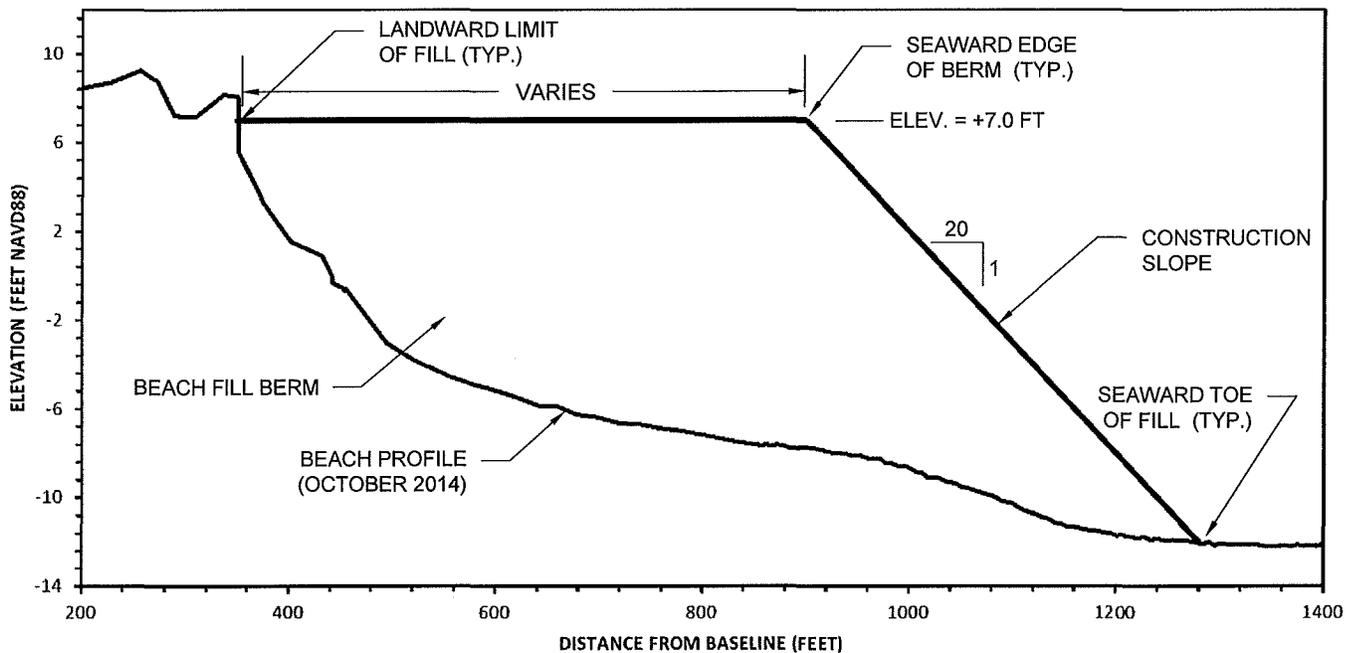


### Monument 24

NOT FOR PURPOSES OF CONSTRUCTION



### Monument 26



PURPOSE: BEACH RESTORATION AND  
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SURVEY DATUM: NAVD 88

**FIGURE 3**  
MONUMENT 24 AND 26  
TYPICAL BEACH FILL SECTIONS

NOT TO SCALE

DAUFUSKIE ISLAND BEACH  
RENOURISHMENT PROJECT

PROPOSED: BEACH FILL ALONG OCEANFRONT  
SHORELINE

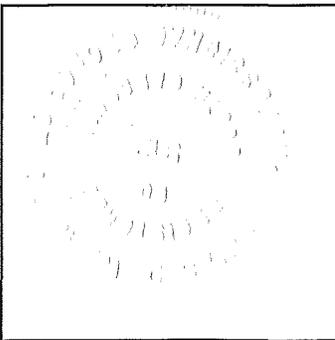
AT: DAUFUSKIE ISLAND

IN: CALIBOGUE SOUND

COUNTY OF: BEAUFORT  
SOUTH CAROLINA

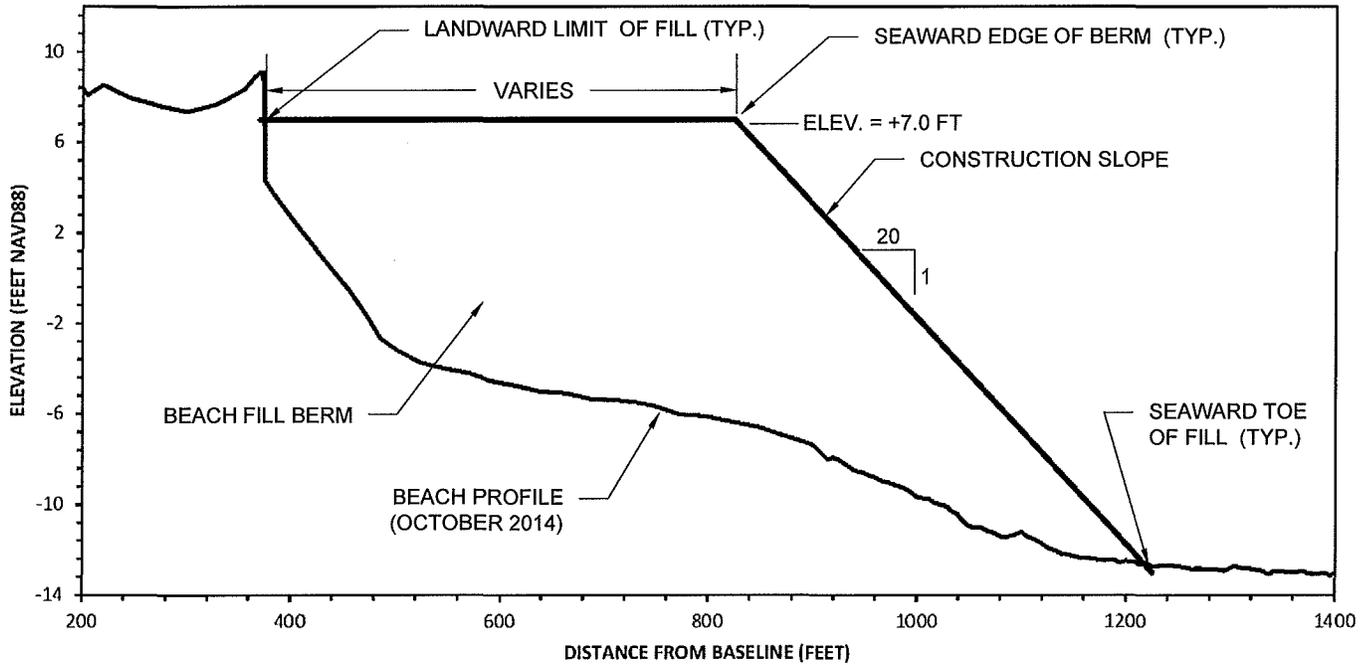
SHEET: 3 OF 6

DATE: 01/15/2015

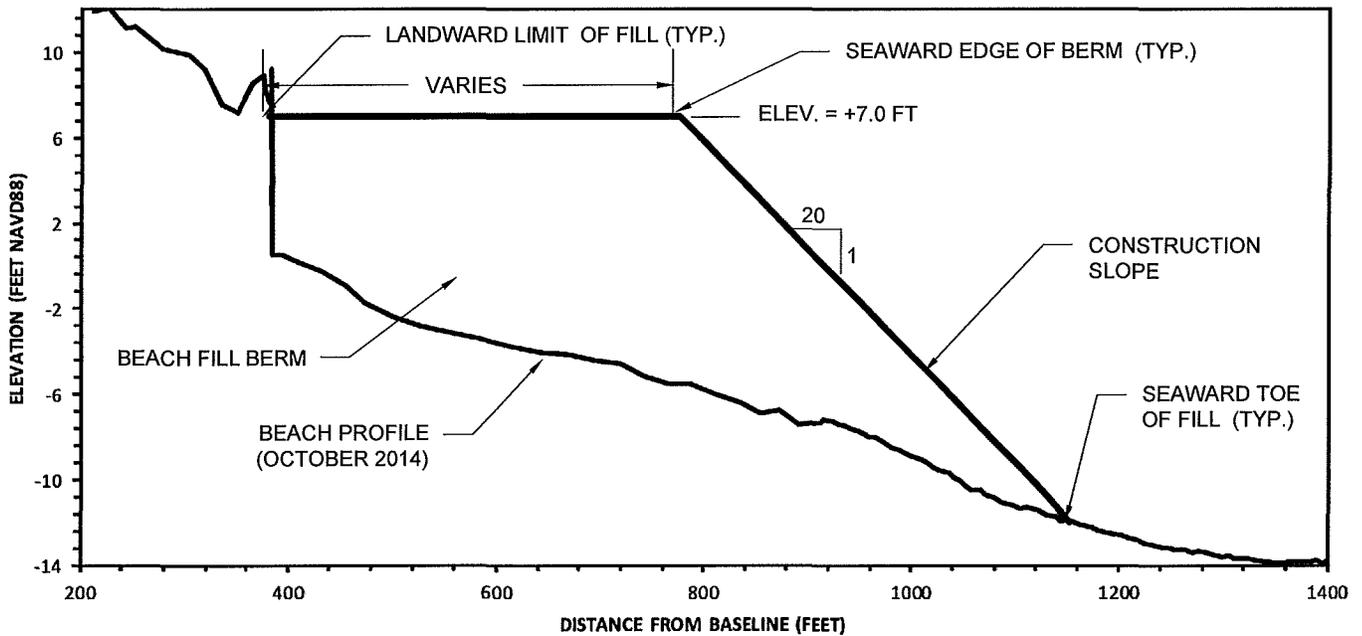


NOT FOR PURPOSES OF CONSTRUCTION

### Monument 28



### Monument 30



PURPOSE: BEACH RESTORATION AND  
ADVANCED MAINTENANCE FOR  
FUTURE EROSION

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**SAC-2015-00113-1W**

SURVEY DATUM: NAVD 88

**FIGURE 4**  
MONUMENT 28 AND 30  
TYPICAL BEACH FILL SECTIONS

NOT TO SCALE

DAUFUSKIE ISLAND BEACH  
RENOURISHMENT PROJECT

PROPOSED: BEACH FILL ALONG OCEANFRONT  
SHORELINE

AT: DAUFUSKIE ISLAND

IN: CALIBOGUE SOUND

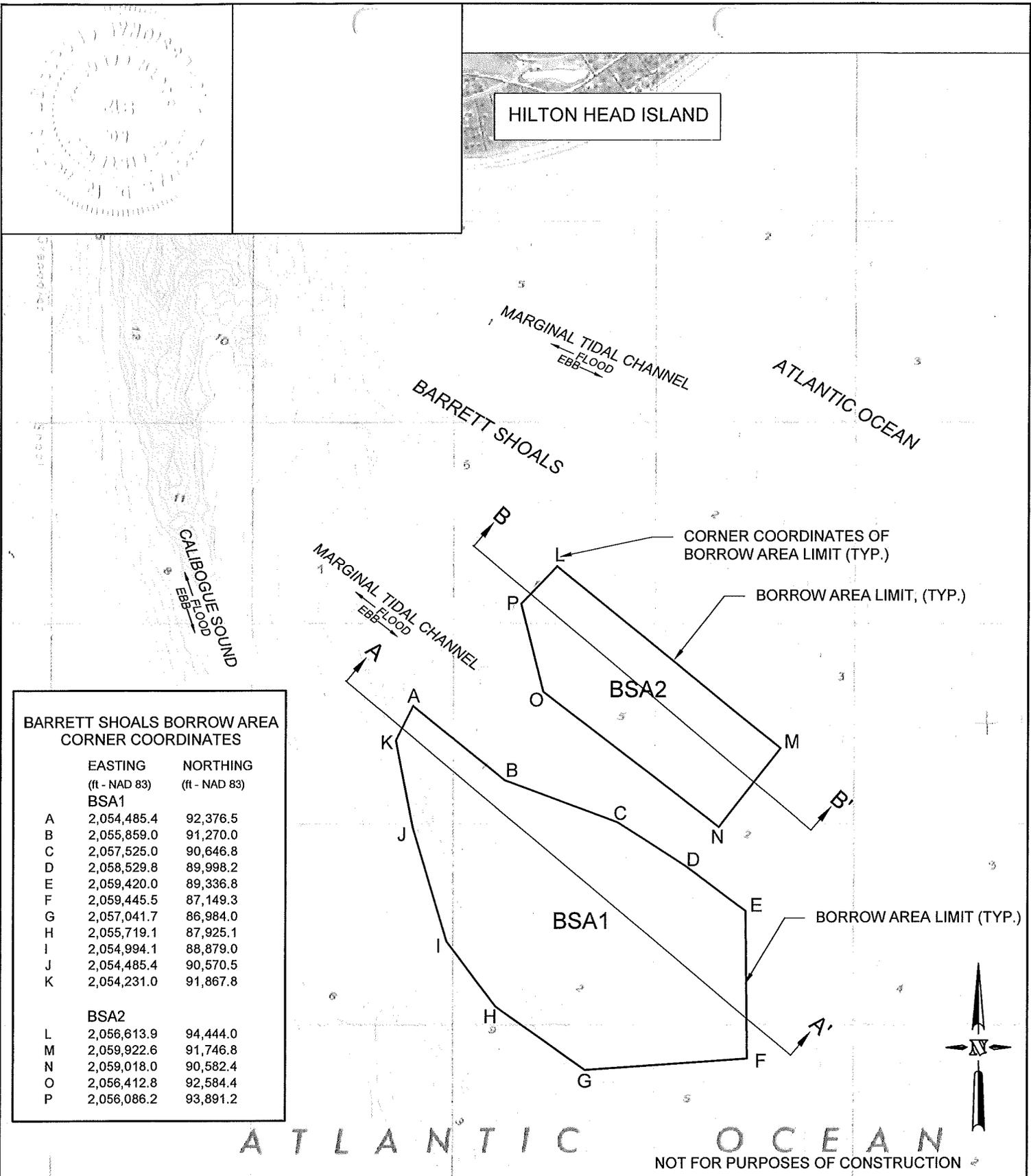
COUNTY OF: BEAUFORT  
SOUTH CAROLINA

SHEET: 4 OF 6

DATE: 01/15/2015



HILTON HEAD ISLAND



**BARRETT SHOALS BORROW AREA CORNER COORDINATES**

	EASTING (ft - NAD 83)	NORTHING (ft - NAD 83)
<b>BSA1</b>		
A	2,054,485.4	92,376.5
B	2,055,859.0	91,270.0
C	2,057,525.0	90,646.8
D	2,058,529.8	89,998.2
E	2,059,420.0	89,336.8
F	2,059,445.5	87,149.3
G	2,057,041.7	86,984.0
H	2,055,719.1	87,925.1
I	2,054,994.1	88,879.0
J	2,054,485.4	90,570.5
K	2,054,231.0	91,867.8
<b>BSA2</b>		
L	2,056,613.9	94,444.0
M	2,059,922.6	91,746.8
N	2,059,018.0	90,582.4
O	2,056,412.8	92,584.4
P	2,056,086.2	93,891.2

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**FIGURE 5**  
BARRETT SHOALS BORROW AREA PLAN  
USGS QUAD "TYBEE ISLAND NORTH"

1" = 2,000'

DAUFUSKIE ISLAND BEACH  
RENOURISHMENT PROJECT

PROPOSED: BEACH FILL ALONG OCEANFRONT  
SHORELINE

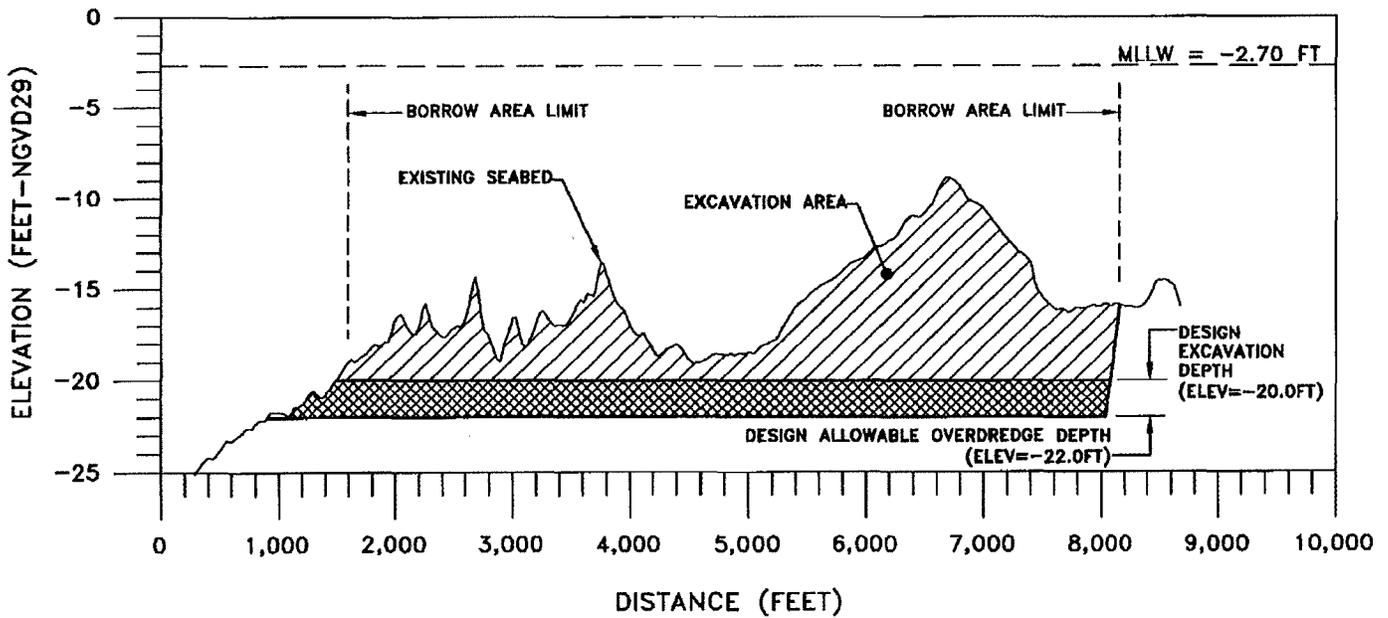
AT: DAUFUSKIE ISLAND

IN: CALIBOGUE SOUND

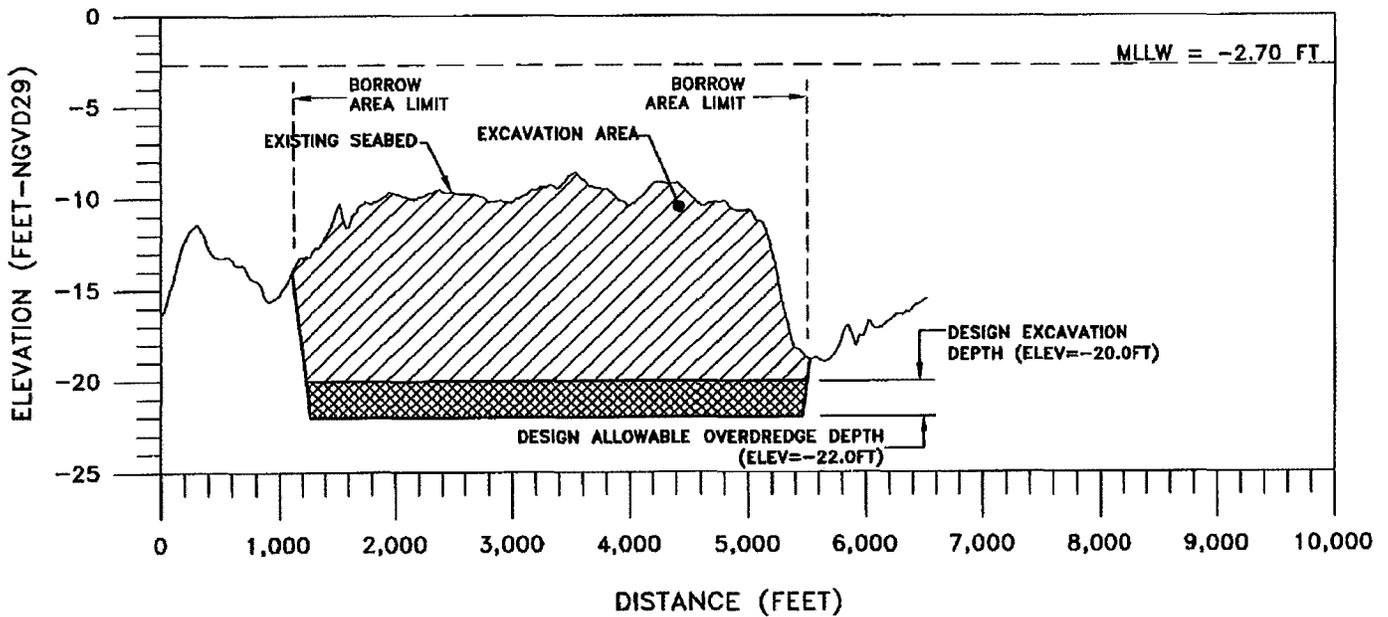
COUNTY OF: BEAUFORT  
SOUTH CAROLINA

SHEET: 5 OF 6      DATE: 01/15/2015

SECTION A-A' (BSA1)



SECTION B-B' (BSA2)



SOURCE: TOWN OF HILTON HEAD ISLAND 2015 / 16 BEACH RENOURISHMENT PROJECT PERMIT APPLICATION

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SURVEY DATUM: NAVD 88

FIGURE 6  
BARRETT SHOALS  
BORROW AREA SECTIONS

NOT TO SCALE

DAUFUSKIE ISLAND BEACH  
RENOURISHMENT PROJECT

PROPOSED: BEACH FILL ALONG OCEANFRONT SHORELINE

AT: DAUFUSKIE ISLAND

IN: CALIBOGUE SOUND

COUNTY OF: BEAUFORT  
SOUTH CAROLINA

SHEET: 6 OF 6

DATE: 01/15/2015